Remarks

Amendments to the Claims

Claim 48 has been amended as indicated above in order to correct a minor typographical error. Specifically, line 3 of claim 48 has been amended to include the word "for", such that line 3 now reads as: "means <u>for</u> providing a first signal and a second signal;". No new matter has been introduced through the amendment to claim 48.

Election of Single Disclosed Species

A restriction requirement has been imposed upon the Applicant under 35 U.S.C. 121. The Examiner has noted in the application thirteen species (Species 1 through 13, corresponding respectively to: Figs. 1, 2 and 12; 3 and 4; 5; 6; 6A; 6B; 6C, 7; 8; 8A; 9; 10; and 11). Accordingly, the Applicant is required to elect a single disclosed species for prosecution on the merits in the event that no generic claim is finally held allowable.

In response, the Applicant hereby elects Species 1 as shown in Figs. 1, 2 and 12. The Applicant contends that at least claims 1, 3-4, 6, 8-9, 23-25, 27-29, 43-47, 48 (as amended), and 49 read on the elected species, and that those claims are hereby elected for prosecution under 35 U.S.C. 121. Furthermore, the Examiner has indicated that Claim 1 is generic.

Claims 2, 5, 7, 10-22, 26, and 30-42 are hereby withdrawn, without prejudice.

This election is being made without traverse.

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The Applicant believes that the election of a single species as set forth herein above constitutes a full and complete response to the Office action.

Respectfully submitted,

Gerald J. Carlson David E. Smith, and Douglas M. Guillory

Date: October 13, 2004

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